

PATENT SPECIFICATION



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293,545

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Complete Accepted: July 12, 1928.

PROVISIONAL SPECIFICATION.

An Improved Box or Container.

We, JOSEPH CROSFIELD & SONS LIMITED, a British company, of Warrington, in the County of Lancaster, and CHARLES MATHIESON, a British subject, of Roselea, Poulton-with-Fernhead, in the County of Lancaster, do hereby declare the nature of this invention to be as follows:—

This invention relates to an improved box or container with a hinged lid more especially intended for containing face powder or snuff and is especially adapted for boxes of a size suitable for ladies' bags or the waistcoat pocket though the invention is not restricted to any particular size of box.

According to this invention the lid of the said box or container which may be adapted to carry a mirror on the inside, is slidably connected to the body of the box in such a manner that when in the opened position the said lid can assume a position at right angles to the body of the box and can remain in that position when the box 25 is placed upon a flat surface. The box proper is provided with a raised part secured thereto and which extends over a portion of the top of the box, or alternatively with a lip or projection, so that 30 when the lid is brought down into its closed position it can be slid along the top edges of the walls of the box, until the forward part of the said lid is beneath the said raised part or lip whereby the box 35 is retained firmly closed.

The hinge may comprise pins on the box or pins on the lid fitting into corresponding slots in the lid or box, or the hinge may be formed by raised parts or

points on the inside of the lid, adapted to fit into grooves in the sides of the box. The said grooves may consist of a depression of a predetermined length formed on each side of the body of the box, the length of the groove being such as to allow the raised parts or points on the lid to remain in the grooves whether the lid be closed over the box or in the open position.

The raised parts or points on the inside of the lid forming the hinge may consist of two pops or nodes formed on the outside of the lid, so that the point of each of the pops or nodes will be on the inside thereof. The position of each pop will be such that they will be in the grooves in the box when the lid is closed over the box or opened to assume a vertical position for use for example with a lid mirror. After the grooves have been formed in the box and the pops in the lid, the lid can be sprung over the box and so form a finished container.

It will be understood that the box may be of any suitable material whether wood, cardboard, or metal, for example, attractive boxes may be made of a thin gold coloured metal and of any suitable shape, the completed article when closed being perfectly smooth without protruding hinges or fasteners thus rendering the possibility of accidental opening very remote.

Dated this 7th day of June, 1927.
JOHNSONS & WILLCOX,
47, Lincoln's Inn Fields, London,
W.C. 2,
Agents.

COMPLETE SPECIFICATION.

An Improved Box or Container.

We, JOSEPH CROSFIELD & SONS LIMITED, a British company, of Warrington, in the County of Lancaster, and CHARLES MATHIESON, a British subject, of Roselea, Poulton-with-Fernhead, in the County of Lancaster, do hereby declare the nature of this invention and in what manner the same is to be performed, to

be particularly described and ascertained in and by the following statement:—

This invention relates to boxes, or containers, for containing powdered material, the said boxes, or containers, being of the kind having at one end a lid which is hinged thereto by a pin and slot connection and at its other end a lip or projec-

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tion, beneath which the adjacent end of the said lid can slide when turned into the closed position onto the box, or container, and is thereby prevented from turning accidentally into the open position, and this invention has for its object to provide an improved box, or container, of the aforesaid kind which is especially applicable for containing face powder and as 10 a toilet requisite for ladies' use.

According to this invention the lid of the box, or container, is provided at the end connected to the said box, or container, with a downwardly projecting flange which engages with the underside 15 of the box, or container, when in the open position and prevents the said lid turning beyond a predetermined angle, such that when the said box, or container, is placed, or held, in a horizontal, or approximately horizontal, position, the said lid remains 20 in its opened inclined position so that a mirror attached to its inner side may be used.

The accompanying drawing illustrates 25 a box, or container, embodying this invention, wherein Figures 1, 2 and 3 are sections shewing the said box fully open for use, partially closed and fully closed 30 respectively. Figure 4 is a horizontal section of a part of the said box and its lid taken through one of the hinged connections.

Referring to the drawing A indicates 35 the box, to one end *a* of which is hinged, by a pin and slot connection, the lid *B* having a mirror *b* attached to its inner side. The pin and slot connection, in the examples shewn, consists of trunnions *a*¹ 40 on the box *A* which engage with depressions *b*², constituting slots, formed in side flanges *b*³ on the lid *B*, so that the said lid is capable of sliding relatively to the said box to an extent limited by the length of 45 the said depressions as well as being capable of turning on the said trunnions. The lid *B* is provided at the end connected to the box *A* with a rear flange *b*⁴ which by its engagement with the underside of the 50 said box limits the angle to which the said lid can be turned into the open position.

Preferably the flange *b*⁴ is adapted to permit of the lid *B* turning through an arc of slightly more than ninety degrees so that when the said lid is in the open position and the box placed, or held, in a horizontal, or approximately, horizontal position, it will not close by gravity. Formed in one with the upper side of the box *A* is an inwardly turned projecting piece *a*² beneath which the front end *b*⁴ of the lid *B* can slide when turned down onto the said box and acts to prevent the said lid accidentally turning into the open position.

It will be understood that the box may be made of any suitable material but is preferably made of metal, for example they may be made of a thin gold coloured alloy, the completed article when closed being perfectly smooth without protruding hinges, or fasteners, thus rendering the possibility of accidental opening very remote.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. In a box, or container, of the kind referred to for containing powdered material, providing the lid of the box, or container, at the end connected to the said box, or container, with a downwardly projecting flange adapted to engage with the underside of the said box, or container, when in the open position so that the said lid is prevented from turning beyond a predetermined angle relatively to the said box, or container.

2. In a box, or container, as claimed in the preceding claiming clause, the provision of a mirror on the inner side of the lid of the said box, or container.

3. A box, or container, constructed substantially as hereinbefore described and illustrated in the accompanying drawing.

Dated this 7th day of March, 1928.

JOHNSONS & WILLCOX,
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[This Drawing is a full-size reproduction of the Original]

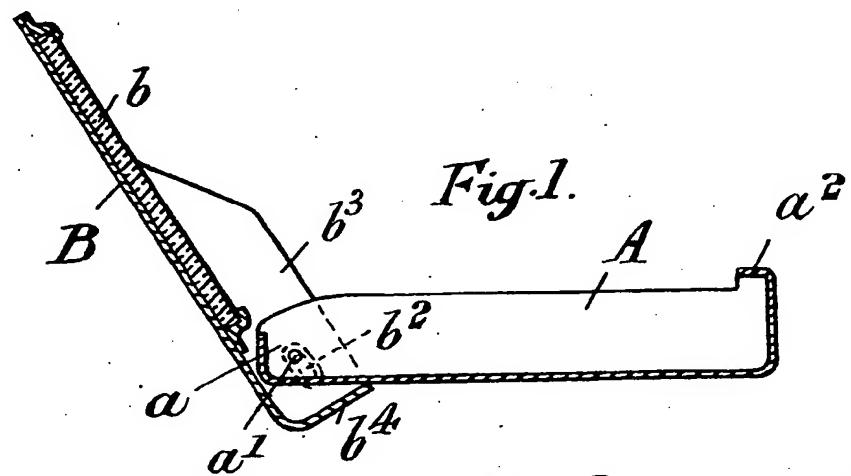


Fig. 1.

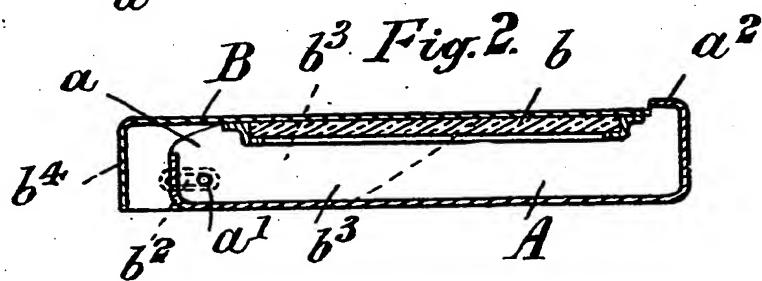


Fig. 2. b

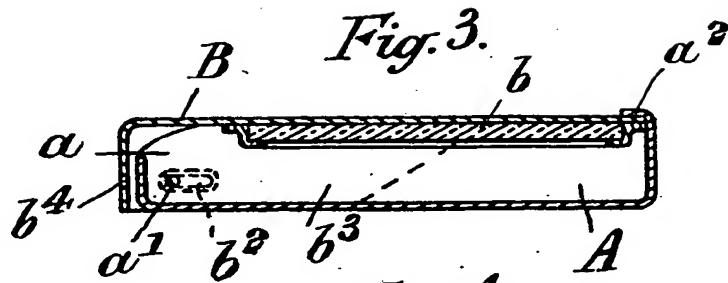
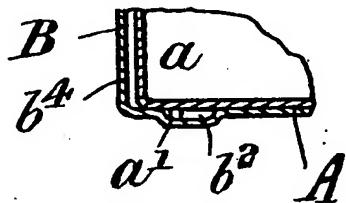


Fig. 3.

Fig. 4.



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